

Title (en)

Use of a solvent composition comprising an oxyisobutyric acid ester as a cleaning agent

Title (de)

Verwendung einer Lösungsmittel-Zusammensetzung enthaltend ein Oxyisobuttersäureester als Reinigungsmittel

Title (fr)

Utilisation d'une composition de solvant contenant un ester d'acide oxyisobutyrique comme agent de nettoyage

Publication

EP 1016699 B1 20060816 (EN)

Application

EP 00104422 A 19940613

Priority

- EP 94109036 A 19940613
- JP 16737493 A 19930615
- JP 17360693 A 19930622
- JP 25368893 A 19930917
- JP 34605693 A 19931224
- JP 10345794 A 19940311

Abstract (en)

[origin: EP0629671A2] A solvent composition containing at least one of an alkyl alpha -alkoxyisobutyrate, an alkyl beta -alkoxyisobutyrate, and an alkyl alpha -hydroxyisobutyrate as an active component is disclosed. The solvent composition is of low toxicity and harmless to humans, has an extremely high dissolving power for high polymers, fats and oils, fluxes, liquid crystals, etc., produces no environment destructive substance, gives off no offensive odor, and has a relatively high boiling point indicative of safety and ease in handling.

IPC 8 full level

C09D 9/00 (2006.01); **C11D 7/26** (2006.01); **A01N 25/02** (2006.01); **A61K 8/37** (2006.01); **A61Q 19/00** (2006.01); **C09D 7/00** (2006.01); **C09D 7/12** (2006.01); **C09D 11/02** (2006.01); **C09J 11/06** (2006.01); **C11D 3/20** (2006.01); **C11D 3/50** (2006.01); **C11D 7/50** (2006.01); **C23G 5/032** (2006.01); **G03F 7/42** (2006.01); **C11D 7/24** (2006.01); **C11D 7/32** (2006.01); **C11D 7/34** (2006.01)

CPC (source: EP)

A61K 8/37 (2013.01); **A61Q 19/00** (2013.01); **C09D 7/20** (2017.12); **C09D 9/005** (2013.01); **C09J 11/06** (2013.01); **C11D 3/2093** (2013.01); **C11D 7/261** (2013.01); **C11D 7/262** (2013.01); **C11D 7/50** (2013.01); **C11D 7/5009** (2013.01); **C11D 7/5013** (2013.01); **C23G 5/032** (2013.01); **C11D 7/24** (2013.01); **C11D 7/263** (2013.01); **C11D 7/264** (2013.01); **C11D 7/266** (2013.01); **C11D 7/267** (2013.01); **C11D 7/32** (2013.01); **C11D 7/3263** (2013.01); **C11D 7/3281** (2013.01); **C11D 7/34** (2013.01)

Cited by

US7846223B2; CN105452395A; US7582360B2; CN102775841A; CN109164686A; CN112313318A; EP3816269A4; US11479738B2; US2022098526A1; US12006493B2; US8021490B2; US6861210B2; WO02095500A1

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

EP 0629671 A2 19941221; **EP 0629671 A3 19960703**; **EP 0629671 B1 20020327**; DE 69430225 D1 20020502; DE 69430225 T2 20021024; DE 69434030 D1 20041028; DE 69434030 T2 20050915; DE 69434827 D1 20060928; DE 69434827 T2 20080529; EP 1016698 A1 20000705; EP 1016698 B1 20040922; EP 1016699 A1 20000705; EP 1016699 B1 20060816; JP 3619261 B2 20050209; JP H07228895 A 19950829

DOCDB simple family (application)

EP 94109036 A 19940613; DE 69430225 T 19940613; DE 69434030 T 19940613; DE 69434827 T 19940613; EP 00104422 A 19940613; EP 00104425 A 19940613; JP 10345794 A 19940311